

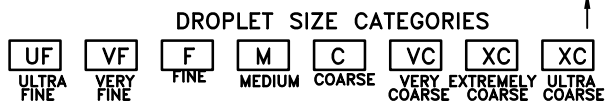
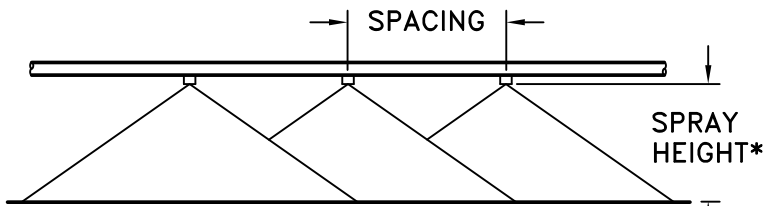
# AI TeeJet®

## AIR INDUCTION FLAT SPRAY TIPS WITH *VisiFlo*® COLOR CODING

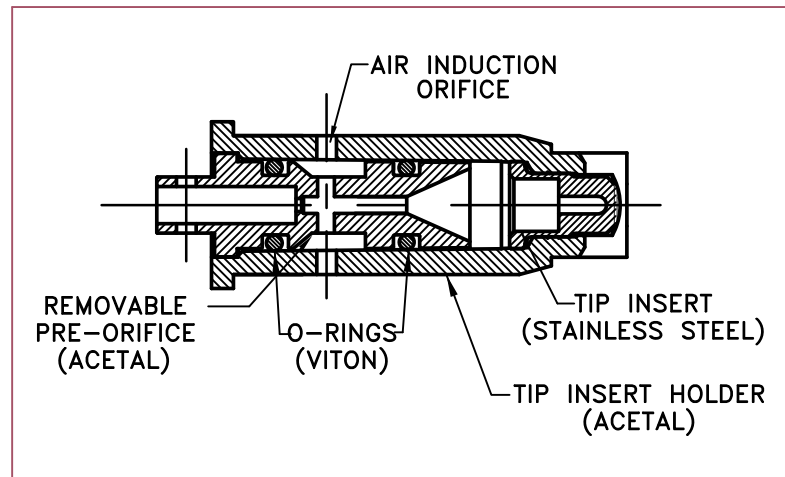
SPRAY ANGLE	OPTIMUM SPRAY HEIGHT	
	50cm SPACING	75cm SPACING
80°	75 cm	110 cm
110°	50 cm	75 cm

TO FIND l/ha RATE AT 75cm SPACING  
MULTIPLY 50cm RATE BY CONVERSION FACTOR

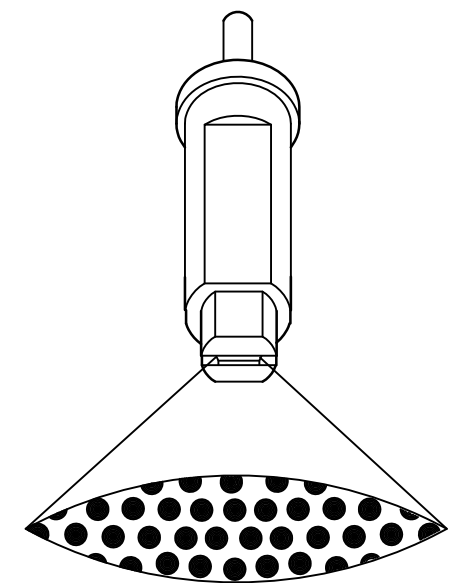
CONVERSION FACTOR	75cm SPACING
	.66



Droplet size classifications are based on BCPC specifications and in accordance with ASABE Standard S-572.1 at the date of printing. Classifications are subject to change.



AI110-VS SPRAY TIP (CROSS SECTION VIEW)



TAPERED FLAT SPRAY PATTERN

TIP COLOR	TIP No. STRAINER SCREEN SIZE	LIQUID PRESSURE (bar)	CAPACITY 1 NOZZLE (l/min)	LITERS PER HECTARE 50 cm SPACING								Drop Size Classification 110°
				5 km/h	7 km/h	10 km/h	12 km/h	16 km/h	20 km/h	30 km/h	35 km/h	
GREEN	AI80015VS AI110015-VS (100 MESH)	3.0	0.59	142	101	70.8	59.0	44.3	35.4	23.6	20.2	XC
		4.0	0.68	163	117	81.6	68.0	51.0	40.8	27.2	23.3	XC
		5.0	0.76	182	130	91.2	76.0	57.0	45.6	30.4	26.1	VC
		6.0	0.83	199	142	100	83.0	62.3	49.8	33.2	28.5	VC
YELLOW	AI8002VS AI11002-VS (50 MESH)	3.0	0.79	190	135	94.8	79.0	59.3	47.4	31.6	27.1	XC
		4.0	0.91	218	156	109	91.0	68.3	54.6	36.4	31.2	XC
		5.0	1.02	245	175	122	102	76.5	61.2	40.8	35.0	VC
		6.0	1.12	269	192	134	112	84.0	67.2	44.8	38.4	VC
VIOLET	AI80025VS AI110025-VS (50 MESH)	3.0	0.99	238	170	119	99.0	74.3	59.4	39.6	33.9	XC
		4.0	1.14	274	195	137	114	85.5	68.4	45.6	39.1	XC
		5.0	1.28	307	219	154	128	96.0	76.8	51.2	43.9	VC
		6.0	1.40	336	240	168	140	105	84.0	56.0	48.0	VC
BLUE	AI8003VS AI11003-VS (50 MESH)	3.0	1.18	283	202	142	118	88.5	70.8	47.2	40.5	XC
		4.0	1.36	326	233	163	136	102	81.6	54.4	46.6	XC
		5.0	1.52	365	261	182	152	114	91.2	60.8	52.1	VC
		6.0	1.67	401	286	200	167	125	100	66.8	57.3	VC
RED	AI8004VS AI11004-VS (50 MESH)	3.0	1.58	379	271	190	158	119	94.8	63.2	54.2	XC
		4.0	1.82	437	312	218	182	137	109	72.8	62.4	XC
		5.0	2.04	490	350	245	204	153	122	81.6	69.9	VC
		6.0	2.23	535	382	268	223	167	134	89.2	76.5	VC
BROWN	AI8005VS AI11005-VS (50 MESH)	3.0	1.97	473	338	236	197	148	118	78.8	67.5	XC
		4.0	2.27	545	389	272	227	170	136	90.8	77.8	XC
		5.0	2.54	610	435	305	254	191	152	102	87.1	VC
		6.0	2.79	670	478	335	279	209	167	112	95.7	VC
GRAY	AI8006VS AI11006-VS (50 MESH)	3.0	2.37	569	406	284	237	178	142	94.8	81.3	XC
		4.0	2.74	658	470	329	274	206	164	110	93.9	XC
		5.0	3.06	734	525	367	306	230	184	122	105	XC
		6.0	3.35	804	574	402	335	251	201	134	115	VC
WHITE	AI11008-VS (50 MESH)	3.0	3.16	758	542	379	316	237	190	126	108	UC
		4.0	3.65	876	626	438	365	274	219	146	125	XC
		5.0	4.08	979	699	490	408	306	245	163	140	XC
		6.0	4.47	1073	766	536	447	335	268	179	153	VC
		8.0	5.16	1238	885	619	516	387	310	206	177	VC

TABULATION BASED ON SPRAYING WATER AT 21° C.

### FEATURES:

- POLYMER INSERT HOLDER & PRE-ORIFICE WITH VISIFLO COLOR-CODING.
- STAINLESS STEEL INSERT PRODUCES TAPERED EDGE FLAT SPRAY PATTERN FOR UNIFORM COVERAGE IN BROADCAST SPRAYING.
- LARGE DROPLETS FOR LESS DRIFT.
- BIGGER DROPS BURST ON TARGET AREA FORMING SMALLER DROPS TO GIVE BETTER COVERAGE AND PENETRATION.
- DEPENDING ON THE CHEMICAL, THE AI TEEJET PRODUCES LARGE, AIR-FILLED DROPS THROUGH THE USE OF A VENTURI AIR ASPIRATOR.
- AUTOMATIC SPRAY ALIGNMENT WITH CP25597-\*--NY QUICK TEEJET CAP.

### TYPICAL APPLICATIONS:

- BEST FOR PRE-EMERGE SURFACE APPLIED HERBICIDES- MINIMUM SPRAY PRESSURE OF 2 BAR.
- EXCELLENT FOR POST-EMERGE SYSTEMIC HERBICIDES- MINIMUM PRESSURE OF 2 BAR.
- GOOD FOR POST-EMERGE CONTACT HERBICIDES- TYPICAL PRESSURE OF 5.5 BAR AND HIGHER.

**DESCRIPTION:**  
LITERS PER HECTARE TABULATION FOR AI110-VS & AI80-VS AIR INDUCTION TEEJET® SPRAY TIPS BASED ON 50cm SPACING (METRIC)



**Spraying Systems Co.®**  
Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60187-7901

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DATA SHEET  
**45605M**  
SHEET OF